



# Fay Wu

Software Development Engineer

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## 📁 EXPERIENCE

### Software Development Intern 🗝

#### Microsoft - Analysis & Experimentation

Built a web portal to view and store additional information attached to hundreds of A/B tests run daily. MVP used by 40-person engineering team and beta testing with feature teams in Bing, MSN, and Office.

C# SQL Server TypeScript HTML CSS KnockoutJS React Flux Bootstrap

### JavaScript Teacher 🗝

#### The Coding School

Taught beginner JavaScript material to 15 3rd-6th graders at Selma Charter School. Inspired kids to create animations of robots.

JavaScript

### Software Development Intern 🗝

#### Microsoft - Bing Ads

Built an internal dashboard displaying real-time database information such as data transfer latency. Used daily by a team of 12 engineers and program managers to monitor system health of databases serving Bing ads.

C# SQL Server JavaScript

## 🚩 PASSIONS + LEADERSHIP



### President, Outreach Director - ACM

Restarted the student chapter to create a community with technical workshops for both UCLA / high schools in the area, and community events such as career networking opportunities and hackathons

[acm.cs.ucla.edu](http://acm.cs.ucla.edu)



### President, Founder - ACM-W

Started UCLA's 1st computer science club for women, now at 100+ members, to increase exposure to the different fields, career paths, and role models for women and minority groups interested in CS

[fb.com/groups/uclaacmw](https://fb.com/groups/uclaacmw)

## >\_ PROJECTS

Jun '16 -  
Sep '16

### 2FA 🗝

Multi-factor authentication for website login systems using iOS fingerprint

Python HTML Swift

Jun '16

Sep '15 -  
Jun '16

### FDPaint 🗝

Paint program implemented on Nexys3 FPGA with joystick and VGA screen

VHDL Tcl Verilog Shell C

Mar '16

### Rock Tomato @ PennApps 🗝

Pomodoro timer app for Pebble Watch

C Objective-C

Jan '15

Jun '15 -  
Sep '15

### King of the Block @ hackNY 🗝

#### MongoDB API Winner

iOS application for King of the Hill game on the streets of Manhattan

JavaScript Python

Oct '14

### ImpAlarm @ PearlHacks 🗝

#### 2nd Place Overall Winner

Bracelet with buttons on Electric Imp that sends texts to police and chosen friends

Squirrel

Mar '14

Jun '14 -  
Jun '16

### Armateur @ LA Hacks 🗝

Finalist - Top 5

Leap Motion controlled robotic arm

Python C

Dec '13

## 📖 EDUCATION

Dec '14 -  
Mar '15



University of California, Los Angeles  
B.S. Computer Science

Grad:  
Mar '17

Engineering Achievement Award for  
Student Welfare 🗝



Palantir Grace Hopper Scholarship

Sep '14